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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/763,577	ROBISON ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Sisay Yacob	2612	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to May 03, 2007.
2. ☒ The allowed claim(s) is/are 18-21, 23 and 26-33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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### DETAILED ACTION

1 This communication is in response to applicant's after final amendments, which is filed on May 03, 2007.

2 Amendments and arguments to pending claims 18-21, 23 and 26-33 have been entered and made of record in the application of Robison et al., "Control apparatus for automated downhole tools" filed on January 22, 2004.

Claims 18 and 23 are amended.

Claims 19-21 and 26-33 are as previously presented.

Claims 9, 13 and 34 are as previously canceled.

Claims 1-8, 10-12, 14-17, 22, 24 and 25 are canceled.

**Claims 18-21, 23 and 26-33 are pending.**

### Response to Arguments

3 Applicant's arguments, see pages 4-6, filed May 03, 2007 in response to a final office action dated February 09, 2007, with respect to pending amended claims 18-21, 23 and 26-33 have been fully considered and are persuasive. **The Advisory Action of May 16, 2007 has been withdrawn**, due to applicant's indication of the added

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limitations of amended independent claim 18, that were indicated as new issue were previously presented in now canceled dependent claims 22 and 25.

4 Applicant's after-final amendments and arguments with respect to pending claims 18-21, 23 and 26-33 have been considered and are persuasive, which put the application in a condition for allowance.

5 The following is an examiner's statement of reasons for allowance: The prior arts of record disclose, teach or suggest limitations: a method of operating a plurality of downhole devices in a wellbore, comprising disposing the plurality of downhole devices in the wellbore, each of the plurality of downhole devices having at least an open position and a closed position and in selective communication with a fluid source, positioning a controller in the wellbore, generating a signal based upon an operator's interaction with a touch screen, transmitting the signal to the controller, wherein the signal causes rotation of an actuating member of the controller and the controller places a selected downhole device in fluid communication with the fluid source, operating the selected downhole device between the open position and the closed position, displaying a status on the touch screen indicative of the open or closed position for at least one of the plurality of downhole devices, and displaying an image representing the downhole devices and environment.

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6 The following is an examiner's statement of reasons for allowance: The prior arts of record fails to disclose, teach or suggest limitations: the displaying an image representing the rotation of the actuating member on the touch screen, wherein the image comprises an indicator bar.

### **Conclusion**

7 Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sisay Yacob whose telephone number is (571) 272-8562. The examiner can normally be reached on Monday through Friday 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery A. Hofsass can be reached on (571) 272-2981. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

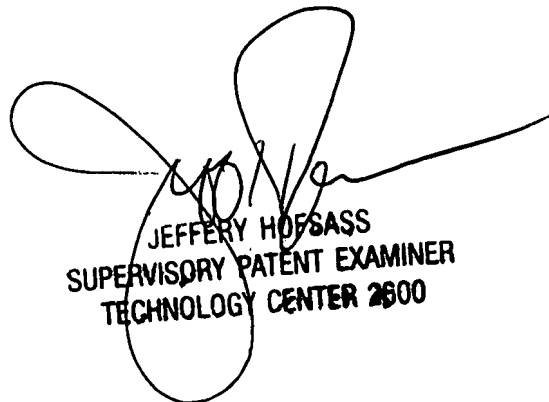
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sisay Yacob

6/7/2007

S-Y.



JEFFERY HOFBASS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600